

INTERNATIONAL SEARCH REPORT

PCT/IB 02/05415

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09G3/20 G09G3/36		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G09G G02F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 061 039 A (RYAN DEAN E ET AL) 9 May 2000 (2000-05-09) column 4, line 42 -column 4, line 67; figures 1,2 column 5, line 38 -column 5, line 62; figure 7 column 6, line 58 -column 6, line 65 column 8, line 19 -column 8, line 31 ---	1-15
X	DE 199 50 839 A (KOWALSKY WOLFGANG ;FRAUNHOFER GES FORSCHUNG (DE)) 23 May 2001 (2001-05-23) column 4, line 64 -column 6, line 53; figures 1-4 --- -/--	1,3-15
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "S" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
21 February 2003		28/02/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Morris, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	page 11, line 25 -page 12, line 30; figures 1A,1B,2-5 ---	1,3-15
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A	column 4, line 39 -column 4, line 53; figures 4,7 ---	1,9-15
A	EP 0 689 181 A (TEXAS INSTRUMENTS INC) 27 December 1995 (1995-12-27) page 2, line 30 -page 2, line 51; figures 1,2 ---	1-15
A	THOMSEN A ET AL: "A PIXEL SCALE DIGITAL TO ANALOG CONVERTER FOR LIQUID CRYSTAL ON VLSI DISPLAYS" 1995 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS (ISCAS). SEATTLE, APR. 30 - MAY 3, 1995, INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS (ISCAS), NEW YORK, IEEE, US, vol. 2, 30 April 1995 (1995-04-30), pages 837-840, XP000558813 ISBN: 0-7803-2571-0 page 837, right-hand column, paragraph 2; figure 2 page 839, left-hand column, paragraph 4 -----	1-15

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